Laurier Mantel

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SKILLS

- Programming: Ruby, Python, PHP, JavaScript (including CoffeeScript), HTML/CSS, Java, C++, C#, SQL, NoSQL
- Frameworks and Tools: Ruby on Rails, Node.js/ExpressJS, Turbograft, Heroku, ASP.NET, Google Analytics
- Teamwork: Leader with strong communication skills developed as ambassador for technology accelerator

EXPERIENCE

Full Stack Developer Intern | Shopify Inc. (Ottawa) — Sept. 2015 – Dec. 2015

- Developed and released *Transfers* feature allowing 200,000 Shopify merchants to manage incoming inventory in a simple way using Ruby on Rails, MySQL, Turbograft, CoffeeScript
- Leveraged open source modules such as Large Hadron Migrator, and wrote maintenance tasks to maintain tables in a sharded MySQL database
- Created events and tracked user activity after feature launch using Google Analytics and Splunk logging tools
- Worked in an agile, test-driven-development environment and tested code using continuous integration testing

Systems Designer | Grantek Systems Integration Inc. (Montreal) — Jan. 2015 - Apr. 2015

- Developed ASP.NET model-view-controller web app for a client using C#, SQL Server, Entity Framework
- Designed user interfaces for industrial manufacturing systems for several clients using Siemens technology
- Communicated independently with external stakeholders such as vendors, clients, and management to make budget quotes for clients and equipment decisions

University of Waterloo Campus Representative | Communitech (Kitchener) — May 2015 - present

- Promoted Communitech to increase brand recognition on campus and tech companies in the Waterloo region
- Researching competitor tech regions and searching for opportunities to leverage Waterloo region's advantages
- Presenting opportunities for companies to hire top talent from the university, resulting in several new hires

PROJECTS

SaveMe | getsaveme.com — Nov. 2015 - present

- Built system to simplify and improve emergency response using Node.js, MongoDB, Twilio APIs, Heroku
- Developed responsive landing page to capture mailing list data using Ruby on Rails, PostgreSQL, Heroku

ReceiptSheep | Hack The North 2015 — Sept. 2015

- Built a cloud based ExpressJS application to optimize the expense approval process for finance departments
- Integrated with state of the art accounting systems such as Quickbooks API
- Deployed to Linode,

JONAS | McHacks 2015 — Feb. 2015

- Designed and programmed an SMS chat-bot able to engage in conversation using Python, Heroku, Twilio API, and Alchemy Natural Language API

EDUCATION

Honours BASc. Systems Design Engineering, **University of Waterloo** — Sept. 2014-present

- Relevant courses: Data Structures and Algorithms, C++, Hardware Design, Human Factors Design Engineering

ACHIEVEMENTS

Winner | University of Waterloo Engineering Consulting Competition — Jul. 2015

- Developed a Tesla Motors business growth strategy and pitched to judges to win the competition.

Grade 8 Classical Guitar Certification | Royal Conservatory of Music — Jul. 2014

- Completed all requirements in classical guitar technique and theory knowledge.

PERSONAL INTERESTS

- **Sports:** Long distance running, basketball, soccer, weight lifting
- **Music:** Electric guitar, acoustic guitar, classical guitar, bass guitar